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**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania**  
**Issued by Rutgers University New Brunswick NJ**  
**8 am EDT Monday, September 25, 2006**

Winds for spraying west 5 to 10 mph today, west 5 mph tonight, west 5 to 10 mph Tuesday.

Dew points upper 40s to low 50s through Tuesday.

Drying conditions good today, good Tuesday.

Frost freeze or dew heavy dew tonight, heavy dew Tuesday night.

Percent of possible sunshine 60 today, 90 Tuesday.

There is a near zero percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rainfree period after application.

Temperatures in the representative cranberry bogs could fall to 32 to 36 tonight and again Tuesday night.

Conditions do not appear favorable for cranberry scald today and Tuesday.

Late season hay cutting will see good drying conditions for several days with the next threat of precipitation Thursday night and Friday.

The latest 8 to 14 day outlook for the period October 2, 2006 to October 8, 2006 is calling for temperatures to average above normal and precipitation to total below normal.

Temperatures averaged above normal, averaging 63 degrees north, 65 degrees central, and 67 degrees south. Extremes were 86 degrees at Seabrook on September 19, 2006 and 42 degrees at numerous locations on September 22, 2006.

Weekly rainfall averaged 0.08 inches north, 0.15 inches central, and 0.27 inches south. The heaviest 24 hour total reported was 0.48 inches at Hammonton on September 24, 2006 to September 25, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 88 percent north, 81 percent central, and 74 percent south. Four inch soil temperatures averaged 63 degrees north, 66 degrees central and 67 degrees south .

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -				- Degrees -				- Base 50°F -		
NORTH										
Belvidere Bridge				DATA NOT AVAILABLE						
Canoe Brook	.09	28.22	-.97	84	45	64	3	3162	589	84
Charlotteburg	.00	32.41	2.93	81	42	62	4	2683	643	78
Flemington	.20	34.10	6.21	83	42	63	2	3004	367	88
Newton 3/	.04	37.84	10.70	81	42	61	3	2434	139	84
CENTRAL										
Freehold	.14	30.70	3.62	85	43	65	2	3109	305	80
Long Branch	.26	30.05	2.64	81	46	65	2	3058	310	72
New Brunswick	.22	27.88	.35	84	45	65	3	3242	307	88
Toms River	.00	25.26	-2.77	83	43	66	3	3166	412	61
Trenton	.11	27.08	1.02	83	45	66	2	3314	260	69
SOUTH										
Cape May C.H.	.46	18.53	-5.79	83	46	67	1	3253	462	80
Downstown	.20	24.46	-1.04	84	42	66	1	3082	12	73
Glassboro	.41	27.51	.69	84	48	67	3	3522	486	76
Hammonton	.48	26.52	-.27	85	43	67	3	3447	404	80
Pomona	.03	27.49	3.19	83	44	67	4	3320	482	63
Seabrook	.06	29.89	5.32	86	48	68	3	3737	647	62
South Harrison	.32	29.97	3.82	83	48	67	NA	3352	NA	NA

\*Departure from normal.  
1/Growing degree days since March 1, 2006, total and departure from normal or long term average.  
2/Estimated soil moisture as % of field capacity based on climate data.  
3/Some cumulative values estimated due to earlier missing data.

## Cranberry Harvest in Progress

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Days suitable for field work, the week ending Sunday, September 24, 2006, were 5.5. Topsoil moisture was rated 100% adequate. Temperatures averaged above normal across most of the state. There were measurable amounts of precipitation for the week. Weekly rainfall averaged 0.08 inches north, 0.15 inches central, and 0.27 inches south. The heaviest 24 hour total reported was 0.48 inches at Hammonton on September 24, 2006 to September 25, 2006. Agricultural producers continued to harvest vegetables, field crops, and plant small grain crops. Harvest of potatoes, beets, broccoli, cabbage, cauliflower, eggplant, lettuces, tomatoes, peppers, squash, and pumpkins progressed. Pumpkin damage, due to phytophthora and deer, was reported in the northern area. In the southern district, spinach was planted for over-wintering. Planting of cover crops and re-seeding of pastures continued across the state. Mowing and baling of hay continued. Hay condition was rated fair to good. Soybean harvest continued with some producers waiting for the crop to dry down. Corn harvest for silage was completed in some areas of the south. Corn and soybean condition was rated fair to good condition. Apple harvest continued. Apples rated mostly good condition. Cranberry harvest commenced. Pasture was rated fair to good condition.